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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	11/562,091
Filing Date	August 7, 2007
First Named Inventor	Burrows, Mark
Art Unit	3736
Examiner Name	Szmal, Brian Scott
Attorney Docket Number	97017-00277 (J&J 5055)

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**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 3,692,959	09-19-1972	Lamp	
	2	US- 3,922,506	11-25-1975	Frye	
	3	US- 4,065,647	12-27-1977	Frye et al.	
	4	US- 4,095,057	06-13-1978	Power et al.	
	5	US- 4,107,465	08-15-1978	Chalebois et al.	
	6	US- 4,109,106	08-22-1978	Voss	
	7	US- 4,191,864	03-04-1980	Sopher	
	8	US- 4,284,847	08-18-1981	Besserman	
	9	US- 4,346,268	08-24-1982	Geerling	
	10	US- 4,548,082	10-22-1985	Engebretson et al.	
	11	US- 4,800,982	01-31-1989	Carlson	
	12	US- 5,197,332	03-30-1993	Shennib	
	13	US- 5,226,086	07-06-1993	Platt	
	14	US- 5,327,500	07-05-1994	Campbell	
	15	US- 5,401,920	03-28-1995	Oliveira	
	16	US- 5,404,105	04-04-1995	Chari	
	17	US- 5,727,070	03-10-1998	Coninx	
	18	US- 5,774,857	06-30-1998	Newlin	

**FOREIGN PATENT DOCUMENTS**

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	19	EP 0 010 168 A1	04-30-1980	BOSCH GMBH Robert		
	20	JP 05130696	05-25-1993	Sony Corp.		
	21	WO 96/03848	02-08-1996	Vielberth, Johann		
	22	WO 98/51124	11-12-1998	Siemens Business Comm Systems, Inc.		
	23	WO 99/31937	06-24-1999	Knowles Electronics, Inc.		

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	24	US- 5,852,668	12-22-1998	Ishige et al.	
	25	US- 5,923,769	07-13-1999	Fushimi	
	26	US- 5,928,160	07-27-1999	Clark et al.	
	27	US- 6,086,541	07-11-2000	Rho	
	28	US- 6,088,064	07-11-2000	Rumreich et al.	
	29	US- 6,118,877	09-12-2000	Lindemann et al.	
	30	US- 6,154,546	11-28-2000	Uvacek	
	31	US- 6,226,605	05-01-2001	Nejime et al.	
	32	US- 6,236,731	05-22-2001	Brennan	
	33	US- 6,240,193	05-29-2001	Green	
	34	US- 6,322,521	11-27-2001	Hou	
	35	US- 6,349,790	02-26-2002	Brimhall	
	36	US- 6,379,314	04-30-2002	Horn	
	37	US- 6,411,678	06-25-2002	Tomlinson, Jr. et al.	
	38	US- 6,416,482	07-09-2002	Braun et al.	
	39	US- 6,447,461	09-10-2002	Eldon	
	40	US- 6,449,373	09-10-2002	Baker	
	41	US- 6,522,988	02-18-2003	Hou	

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	42	WO 99/53742	10-28-1999	Phonak AG		
	43	WO 01/24576 A1	04-05-2001	RX Sound		
	44	WO 01/52737 A1	07-26-2001	Audia Technology, Inc.		
	45	EP 1 251 716 A2	10-23-2002	Gennum Corp.		
	46	WO 02/089520 A2	11-07-2002	RIBIC GMBH		

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	47	US- 6,556,686	04-29-2003	Weidner	
	48	US- 6,574,342	06-03-2003	Davis et al.	
	49	US- 6,603,860	08-05-2003	Taenzer et al.	
	50	US- 6,647,345	11-11-2003	Bye et al.	
	51	US- 6,662,032	12-09-2003	Gavish et al.	
	52	US- 6,674,862	01-06-2004	Magilen	
	53	US- 6,719,690	04-13-2004	Cassily	
	54	US- 6,730,027	05-04-2004	Iliff	
	55	US- 6,829,363	12-07-2004	Sacha	
	56	US- 6,840,908	01-11-2005	Edwards et al.	
	57	US- 6,870,940	03-22-2005	Meyer et al.	
	58	US- 6,916,291	07-12-2001	Givens et al.	
	59	US- 2001/0040973	11-15-2001	Fritz et al.	
	60	US- 2002/0068986	06-06-2003	Mouline	
	61	US- 2002/0076056	06-20-2002	Pavlakos	
	62	US- 2002/0150219	10-17-2002	Jorgenson et al.	
	63	US- 2002/0165466	11-07-2002	Givens et al.	
	64	US- 2002/0183648	12-05-2002	Hou	

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	65	JP 2003 309900	10-31-2003	ARAI SEIJI		
	66	EP 1 196 006 A3	08-27-2008	FreeSystems Pte Ltd.		

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	67	us- 2003/0002698	01-02-2003	Ludvigsen	
	68	us- 2003/0007647	01-09-2003	Nielsen et al.	
	69	us- 2003/0046075	03-06-2003	Stone	
	70	us- 2003/0063763	04-03-2003	Allred et al.	
	71	us- 2003/0070485	04-17-2003	Johansen et al.	
	72	us- 2003/0073927	04-17-2003	Johansen et al.	
	73	us- 2003/0078515	04-24-2003	Menzel et al.	
	74	us- 2003/0083591	05-01-2003	Edwards et al.	
	75	us- 2003/0101215	05-29-2003	Puria et al.	
	76	us- 2003/0128859	07-10-2003	Greene et al.	
	77	us- 2003/0138109	07-24-2003	Bindner et al.	
	78	us- 2003/0163353	08-28-2008	Luce, et al.	
	79	us- 2003/0182000	09-25-2003	Meusch et al.	
	80	us- 2003/0194095	10-16-2003	Chalupper et al.	
	81	us- 2004/0006283	01-08-2004	Harrison et al.	
	82	us- 2004/0008849	01-15-2004	Moller	
	83	us- 2004/0074304	04-22-2004	Braun et al.	
	84	us- 2005/0018866	01-27-2005	Schulein et al.	
	85	us- 2005/0105750	05-19-2005	Frolich et al.	
	86	us- 2005/0129252	06-16-2005	Heintzman et al.	

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